

Project Title	Funding	Strategic Plan Objective	Institution
A history of behavioral genetics	\$0	Q3.Other	University of Pittsburgh
Discovery of regulatory variants underlying pediatric neurological disease	\$0	Q3.L.B	HudsonAlpha Institute for Biotechnology
Illumina, Inc.	\$0	Q3.L.B	Illumina, Inc.
Extending ASD risk locus discovery to the non-coding genome - Project 2	\$0	Q3.L.B	Yale University
Extending ASD risk locus discovery to the non-coding genome - Project 1	\$0	Q3.L.B	The Trustees of Columbia University in the City of New York
Genomic profiling of autism families using whole-genome sequencing	\$0	Q3.L.B	Institut Pasteur
Genomic influences on development and outcomes in infants at risk for autism	\$0	Q3.L.B	University of Alberta
Extending ASD risk locus discovery to the non-coding genome - Core	\$0	Q3.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Genome Sequencing pilot of Simons Simplex Collection	\$0	Q3.L.B	University of Washington
Structural Variation and the Genetic Architecture of Autism	\$0	Q3.L.B	University of Washington
Accelerating Autism Genetics via Whole Population Ascertainment in Denmark	\$0	Q3.L.B	Broad Institute, Inc.
Combining WGS from Utah high-risk pedigrees and SSC families	\$0	Q3.L.B	University of Utah
Sequencing Female-enriched Multiplex Autism Families (FEMFs)	\$0	Q3.L.B	Johns Hopkins University
Integrating large scale whole exome data with whole genome data	\$0	Q3.L.B	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Dosage effects of 22q11 region on autism-relevant neural systems	\$0	Q3.S.A	University of California, Los Angeles
Autism Spectrum Disorders: Genomes to Outcomes	\$0	Q3.L.B	Hospital for Sick Children
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$0	Q3.S.A	University of Alberta
Genomic influences on development and outcomes in Infants at risk of ASD	\$0	Q3.S.A	University of Alberta
Role of the Intestinal Microbiome in Children with Autism	\$0	Q3.S.I	Massachusetts General Hospital
Simons Simplex Collection support grant	\$1,831	Q3.L.B	Weill Cornell Medical College
Simons Simplex Collection support grant	\$5,983	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection support grant	\$8,800	Q3.L.B	Emory University
Simons Simplex Collection support grant	\$8,912	Q3.L.B	Vanderbilt University
Simons Simplex Collection support grant	\$9,159	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection support grant	\$10,000	Q3.L.B	Yale University
Simons Simplex Collection support grant	\$10,000	Q3.L.B	McGill University Health Centre- Montreal Children's Hospital

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Simons Simplex Collection support grant	\$10,000	Q3.L.B	University of Missouri
Simons Simplex Collection support grant	\$10,000	Q3.L.B	University of Washington
Simons Simplex Collection support grant	\$13,200	Q3.L.B	University of California, Los Angeles
Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan	\$14,998	Q3.L.B	Massachusetts General Hospital
High-throughput Screening of Novel Trinucleotide Repeat Expansion in Autism Spectrum Disorders	\$15,000	Q3.L.B	The Hospital for Sick Children
An exploration of genetic and behavioral variables in Autism Spectrum Disorder	\$18,200	Q3.S.A	Center for Autism and Related Disorders (CARD)
Determine risk genes enriched in intronic multispecies conserved sequences, and copy number variant breakpoints in autism overlap preferentially with short interspersed elements	\$21,000	Q3.Other	University of Louisville
Interactome perturbation by large-scale mutagenesis to find risk variants - Project 1	\$24,172	Q3.Other	University of Pittsburgh
University of North Carolina Clinical Site Network Pilot for the National Autism Cohort	\$24,750	Q3.L.B	University of North Carolina
Interactome perturbation by large-scale mutagenesis to find risk variants - Project 2	\$29,831	Q3.Other	Carnegie Mellon University
Identifying Patterns of Genetic Variants Conferring Risk for Neurodevelopmental Disorders	\$29,987	Q3.L.B	Pennsylvania State University
Advanced Autism Genetics: Biological Subgroups, Diagnostic Classification, and Resilience.	\$30,000	Q3.S.A	State University of New York, Upstate Medical University
Uncovering the Spectrum of De Novo Mutation in Autism through Whole Genome Sequencing	\$35,000	Q3.S.A	University of California, San Diego
Quantifying Offspring ASD Risk for Unaffected Sisters of Males with ASD	\$35,000	Q3.S.C	Washington University in St. Louis
Thompson Center Clinical Site Network Pilot for the National Autism Cohort	\$37,500	Q3.L.B	The Curators of the University of Missouri
University of Washington Clinical Site Network Pilot for the National Autism Cohort	\$37,500	Q3.L.B	University of Washington
The genetic basis underlying the phenotype heterogeneity of the 16p11.2 CNV	\$46,136	Q3.S.A	University of Washington
Discovery and Functional Characterization of Gene Regulatory Networks (GRNs) of Autism Risk Genes	\$59,900	Q3.Other	CHILDREN'S HOSPITAL OF LOS ANGELES
Role of Selfish Spermatogonial Selection in Neurocognitive Disorders	\$59,995	Q3.L.B	University of Oxford
Exploring the Intersection of Autism and Homeostatic Synaptic Plasticity	\$60,000	Q3.Other	The Regents of the University of California, San Francisco (Contracts & Grants)
Use of High-throughput Splicing Assays to Prioritize Autism Gene Candidates	\$62,500	Q3.L.B	Brown University

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Genome-wide analysis of cis-regulatory elements in autism	\$62,500	Q3.L.B	Washington University in St. Louis
3/4 - The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$65,732	Q3.S.A	University of Pittsburgh
Interactome perturbation by large-scale mutagenesis to find risk variants ñ Core	\$97,702	Q3.Other	Cornell University
Validation of candidate ASD genes by targeted sequencing with molecular inversion probes	\$101,258	Q3.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)
A multi-platform approach to the functional assessment of ASD gene variants	\$120,000	Q3.Other	University of British Columbia
Dosage effects of DUF1220 gene subtype CON1 in autism	\$125,000	Q3.L.B	University of Colorado, Denver
Whole-exome sequencing to identify causative genes for autism	\$134,203	Q3.L.B	ROCKEFELLER UNIVERSITY
Cryptic Genetic Causes of Autism	\$141,719	Q3.L.B	Massachusetts General Hospital
2/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$157,618	Q3.S.A	BROAD INSTITUTE, INC.
3/3-Sequencing Autism Spectrum Disorder Extended Pedigrees	\$160,000	Q3.L.B	University of Pennsylvania
Population-Based Autism Genetics & Environment Study	\$165,663	Q3.L.D	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Applications of novel statistical methods to CNVs in autism and schizophrenia	\$200,000	Q3.L.B	Columbia University
1/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$206,585	Q3.S.A	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Elucidating pathogenic mutations disrupting RNA regulation in autism	\$225,000	Q3.L.B	Columbia University
2/3 Sequencing Autism Spectrum Disorder Extended Pedigrees	\$231,750	Q3.L.B	University of Washington
Mutations in noncoding DNA and the missing heritability of autism	\$244,030	Q3.L.B	University of California, San Diego
Complex Genetic Architecture of Chromosomal Aberrations in Autism	\$248,999	Q3.L.B	Massachusetts General Hospital
Identification and analysis of functional networks perturbed in autism	\$250,000	Q3.L.B	Columbia University
Investigating the role of somatic mutations in autism spectrum disorders	\$263,892	Q3.L.B	OREGON HEALTH & SCIENCE UNIVERSITY
Genetic basis of phenotypic variability in 16p11.2 deletion or duplication	\$285,856	Q3.L.B	University of Washington
1/3 - Sequencing Autism Spectrum Disorder Extended Pedigrees	\$298,000	Q3.L.B	UNIVERSITY OF UTAH
3/4 - The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$302,248	Q3.S.A	University of Pittsburgh

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Novel Statistical methods for DNA Sequencing Data, and applications to Autism.	\$318,575	Q3.L.B	Columbia University
Autism subtypes by gene characterization	\$318,824	Q3.S.A	University of Washington
FUNCTIONAL DISSECTION OF CNVS IN NEURODEVELOPMENTAL TRAITS	\$366,666	Q3.L.B	Duke University
2/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$415,893	Q3.S.A	BROAD INSTITUTE, INC.
Rapid Phenotyping for Rare Variant Discovery in Autism	\$453,878	Q3.S.A	University of California, Los Angeles
Impact of Pten mutations on brain growth and social behavioral development.	\$480,000	Q3.S.K	The Scripps Research Institute
Computational tools to analyze SNP data from patients with mental illness	\$572,792	Q3.L.B	PARTEK, INC.
Population-Based Autism Genetics & Environment Study	\$618,149	Q3.L.D	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Next Generation Gene Discovery in Familial Autism	\$644,823	Q3.L.B	University of Washington
Sporadic Mutations and Autism Spectrum Disorders	\$647,900	Q3.S.A	University of Washington
Integrating the genomics of Autism Spectrum Disorders(ASD) in consanguineous and "idiopathic" families	\$665,939	Q3.L.B	Yale University
4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$676,656	Q3.S.A	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
1/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$720,372	Q3.S.A	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Genetic Epidemiology of Complex Traits	\$747,204	Q3.L.B	National Institutes of Health
Autism genetics: homozygosity mapping and functional validation	\$765,736	Q3.L.B	CHILDREN'S HOSPITAL CORPORATION
The Future of Genomics Medicine in Patient Care: Contributions from CHOP	\$906,296	Q3.L.B	Children's Hospital of Philadelphia
4/4 The Autism Sequencing Consortium: Autism gene discovery in the >20,000 exomes (supplement)	\$919,964	Q3.S.A	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Pieces of the Puzzle: Uncovering the Genetics of Autism	\$1,699,790	Q3.L.B	Broad Institute, Inc.
New York Genome Center, Inc.	\$2,210,000	Q3.L.B	New York Genome Center, Inc.
Autism Genetics, Phase II: Increasing Representation of Human Diversity	\$2,715,972	Q3.S.D	University of California, Los Angeles
Genetic basis of autism	\$4,000,000	Q3.L.B	Cold Spring Harbor Laboratory
MSSNG	\$5,802,895	Q3.L.B	Autism Speaks (AS)

